



STATE OF HAWAII
STATE PROCUREMENT OFFICE
HONOLULU, HAWAII

May 24, 1997

To: State Agencies on All Islands
From: State Procurement Office
Subject: Change No. 2, Price List PL 94-73 (All Islands)
Fujitsu Digital Multimedia Information Exchange
(DMIX) T1 Multiplexers and Network Management
System (IFB No. F-94-199-OHMKL)

Please make the following change to the subject price list:

Subject Price List is extended until May 31, 1998.

ROBERT J. GOVERNS, CPPB
Procurement Officer



STATE OF HAWAII
STATE PROCUREMENT OFFICE
HONOLULU, HAWAII

April 29, 1996

To: State Agencies on All Islands

From: State Procurement Office

Subject: Change No. 1, Price List PL 94-73 (All Islands)
Fujitsu Digital Multimedia Information Exchange
(DMIX) T1 Multiplexers and Network Management
System (IFB No. F-94-199-OHMKL)

Please make the following changes to the subject price list:

1. Effective May 1, 1996 change the vendor and vendor code to the following:

<u>VENDOR</u>	<u>VENDOR CODE</u>
Fujitsu Systems Business of America, Inc. 5200 Patrick Henry Drive Santa Clara, CA 95054	247972-01

2. Subject Price List is extended until May 31, 1997.

DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES

New Price List No. 94-73 (All Islands)

FUJITSU DIGITAL MULTIMEDIA INFORMATION EXCHANGE (DMIX)
T1 MULTIPLEXERS AND NETWORK MANAGEMENT SYSTEM
June 1, 1994 to May 31, 1996

PURCHASE ORDERS shall be placed with the following vendor:

<u>VENDOR</u>	<u>VENDOR CODE</u>	<u>PHONE NUMBER</u>
FUJITSU BUSINESS COMMUNICATION SYSTEMS, INC. 1130 N. Nimitz Hwy., C-300 Honolulu, HI 96817	224238-00	524-7786

UNIT PRICES

Unit Prices shown in this price list include delivery to the State's designated user locations statewide, freight charges, installation, maintenance during the warranty period, and all applicable costs and taxes except the 4% Hawaii General Excise Tax. Agencies are requested to add the 4% amount to their purchase order total. Vendor is aware that the tax to be charged shall not exceed the 4% rate (rounded to the nearest cent).

"DAGS PRICE LIST NO. 94-73" should be noted on purchase orders issued against this price list.

EXCEPTIONS TO PURCHASE OFF OF THE PRICE LIST

Exceptions to purchase off of the Price List must be made in writing to the State Comptroller. Agencies of the Executive Branch are also reminded that the Governor's Budget Execution Policy mandates that agencies purchase from price lists issued by the DAGS Purchasing Branch.

PURCHASE ORDERS

Purchase orders should be addressed and sent to the VENDOR as listed. Payments should be made as per the VENDOR CODE listed.

Agencies are advised to retain the Price List from which their equipment is acquired, should future reference to specific terms and conditions be necessary.

DELIVERY AND ACCEPTANCE

The equipment shall be delivered within one hundred eighty (180) calendar days after receipt of purchase order to the location of the ordering State agency during normal State work days and hours (Mondays through Fridays, excluding State and Federal holidays, between 7:45 am and 4:30 pm) unless otherwise directed by the ordering State agency. Contractor shall indicate the State purchase order number on the shipping document. Prior to delivery, Contractor shall contact the person responsible for the order to coordinate the delivery.

Upon delivery, the State shall have the right to inspect the equipment to satisfy itself as to the condition of the equipment. Final acceptance shall be given in accordance with the following requirements:

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1. Contractor agrees to demonstrate that its proposed equipment will perform as documented in this specification and the manufacturer's official published specifications. Failure of the equipment and system to meet the documented specification may result in, at the State's option, removal of the equipment and system at no expense to the State and with no liability to either party.

2. In addition to the above, during the installation procedures, Contractor will perform all the other diagnostic routines normally run on a system of this nature and turn the equipment over to the State in a certified and good working order.
3. The Acceptance Period shall begin on the first day following notification that the equipment is installed and ready for use. The State's Acceptance Period shall consist of operating the equipment in conformance with the manufacturer's published performance specifications and capabilities that meets the technical specifications of this Price List. Equipment shall be operating continuously without error for thirty (30) days.
4. Equipment shall not be accepted by the State and no charges will be paid by the State until the equipment has satisfactorily passed the Acceptance Period.

LOADING, CRATING, AND SKIDDING

All loading, crating, and skidding used in the shipment of the equipment shall be the property of Contractor. Contractor shall remove these materials at the conclusion of installation.

QUALITY OF EQUIPMENT

1. Contractor shall pre-test the equipment in the manufacturer's location for a period of 48 hours prior to shipping to verify product operability. All equipment supplied shall be labeled and/or embossed with the manufacturer's name, logo, serial number, and/or part number. It shall be free from defects which may render it unfit for use. Damaged or rejected items must be with notice to Contractor from the ordering agency, removed from the site and replaced within five (5) working days with items of the quality required by these specifications.
2. Failure to replace or to remove any rejected item shall not relieve Contractor from the responsibility imposed upon it by the Contract.
3. No payment, whether partial or final, shall be construed to be an acceptance of defective materials. Contractor shall be liable for latent defects, fraud, or gross misrepresentations that amount to fraud.
4. The State may, at any time, by written order, stop the delivery of equipment not conforming to these specifications. Such stop order shall not relieve Contractor of its obligation to complete the Contract within the contract time limits, nor shall it in any way terminate, cancel, or abrogate the Contract or any part thereof.

WARRANTY

Contractor shall replace or repair any defective workmanship and/or material at no cost to the State for parts and labor during the warranty period of one (1) year, provided such defects are not due to abuse or negligence on the part of the State.

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MANDATORY SUPPORT REQUIREMENTS

All equipment obtained under this IFB shall be installed at locations designated by the State.

1. In order for the State to determine site power and air conditioning needs, Bidder shall specify the power and air conditioning requirements for each piece of equipment to be installed upon request by the State. The information provided shall include, but not be limited to, the following:
 - Line Voltage--tolerance, phase
 - Line Frequency--tolerance
 - Line Current--maximum starting and operating

- Power Factor
- Required Supply Circuit--circuit breaker capacity requirement
- BTU/HR--operating and standby
- Power Cord--maximum length, number of gauge or wires, receptacle type
- Other Requirements--equipment grounding requirements

The State shall make the final determination regarding the power, cooling, and floor space that is made available for the proposed equipment.

2. Bidder must specify the floor space requirements for the equipment upon request by the State. When applicable, standard 19-inch cabinets must be utilized. The State shall acquire these cabinets, which are not a part of this IFB.
3. In order for the State to effectively control its combined resources, Contractor shall provide technical guidance, training, and assistance in:
 - a. Installation planning advice including physical environment and site preparation and installation coordination to minimize system and equipment service outages and reduce the disruption of normal operations.
 - b. Direct support of the installation, testing, and implementation of Contractor's public domain and proprietary software; provide backup technical assistance to resolve problems encountered in using the delivered software.

CABLE INSTALLATION AND CONNECTIONS

Cabling responsibilities include the actual laying of cables, tying cables neatly to racks, hook-up to equipment on both ends of the cable, and labelling of cables.

Contractor shall mark all cables (e.g. RS-232, V.35, twisted pair) in a manner that clearly indicates its type, associated circuit number, and use. Contractor shall provide a diagram of the cables.

Cabling to user equipment will be performed by Contractor, unless the State makes an exception to this on a case-by-case basis and notifies Contractor.

INSTALLATION OF EQUIPMENT

The State shall, at its expense, have the site prepared and ready for installation of the equipment. Contractor must provide preparation specifications in such detail and in such time as to allow the State sufficient time to have the site properly prepared.

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Bidder must have staff that is manufacturer trained and manufacturer certified to provide hardware, firmware, and software installation as required by the equipment listed herein. The State requires a minimum of two (2) technicians, of which one (1) technician shall be trained and certified by the manufacturer. The certified technician shall possess a minimum of three (3) years experience with telecommunications installations and shall have maintained the equipment listed in the IFB for the past year. Bidder shall indicate on the appropriate Proposal page the number of employees that are properly trained.

"Installation" means the hookup or plug in of all electrical and other connections for each piece of equipment and proper attachment of any subassemblies to the equipment so that the equipment is operable and ready for use by the State.

The installation shall be scheduled for such times when there will be minimal disruption of normal work activities. Contractor shall be prepared to work at nights and on weekends if necessary. Direct support in the installation and testing of Contractor's equipment will be provided by Contractor.

Contractor must notify the State of the date that the equipment is installed, in good working order and is ready for use. The Acceptance Period shall begin on that date.

MAINTENANCE

1. Contractor shall maintain an adequate inventory of spare and repair parts and such tools and instruments, as necessary, on the island of Oahu, to properly and efficiently maintain the equipment. Contractor shall arrange to have the appropriate repair parts and tools arrive with the technician to the neighbor islands upon receiving a maintenance call. Only new standard parts and parts of equal or better quality shall be used in effecting repairs.

2. Commencement of extended maintenance shall be at the State's option prior to expiration of the warranty period.

3. Bidder must have staff that is manufacturer trained and manufacturer certified to provide hardware, firmware, and software maintenance. The State requires a minimum of two (2) technicians, of which one (1) technician shall be trained and certified by the manufacturer. The certified technician shall possess a minimum of three (3) years experience with telecommunications installations and shall have maintained the Price List equipment for the past year.

The certified maintenance staff shall be based on the island of Oahu and shall also be available for maintenance calls to the neighbor islands. Neighbor island support can be third party, however, third party maintenance staff shall be trained and qualified by the manufacturer in installing and trouble shooting the equipment and/or network components. Bidder shall include in the IFB the name of each person or firm to be engaged by the Bidder on the project as third party maintenance staff.

4. Contractor's maintenance staff, including any third party support, shall be able to respond on an on-call basis, 24 hours a day, 7 days a week. The State requires that the maintenance staff call back within thirty (30) minutes after the initial trouble call. If the State requires on-site assistance, Contractor's maintenance staff shall respond within the following time frames:

- Two (2) hours on-site response from call back for Oahu.

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- Eight (8) hours on-site response from call back for neighbor islands, unless other arrangements have been made during the call back conversation, with the State's approval.

5. For all equipment, the maintenance technician shall escalate the trouble call to the next higher level of maintenance support if the equipment cannot be repaired within four (4) hours of arrival at the site of the failing equipment.
6. Contractor shall complete all repairs within forty-eight (48) hours of the initial trouble call. If the Contractor cannot comply, the Contractor must submit a written request for extension including a written explanation for the delay to the State. State must approve this request for extension.
7. All equipment has phone support for technical assistance twenty-four (24) hours a day. Call (808) 524-7786.
8. Maintenance fees include all costs, including airfare, ground transportation, and any other costs including those associated with travel to the neighbor islands.
9. The quality of maintenance service shall be of such quality that the equipment being maintained by Contractor will qualify for manufacturer's standard maintenance agreement at the end of any contract period.

10. As new equipment is purchased or leased, maintenance services may be obtained for new equipment at the State's option at the prices quoted herein, after expiration of the warranty period.

INQUIRIES

Questions relating to this price list may be directed to Mr. Grant Turner of the DAGS Purchasing Branch, telephone 586-0565.

for

ROBERT P. TAKUSHI
State Comptroller

<u>Model Number</u>	<u>Manufacturer's</u>	<u>Unit Price</u>	<u>Install.</u>	<u>Maintenance Price</u>
			<u>Price</u>	<u>12-Month Cost</u>
3.1	DMIX NODE AND COMMON EQUIPMENT			
3.1.1	F2-H/8R	\$141,903.00	\$8,514.18	\$ 4,128.00
3.1.2	F2-H/4R	\$ 78,448.00	\$4,706.88	\$ 2,724.00
3.1.3	F1-H/2R	\$ 45,581.00	\$2,734.86	\$ 2,724.00
3.1.4	F1-H/2NR	\$ 32,265.00	\$1,935.90	\$ 2,028.00
3.2	DMIX INTERFACE MODULES			
3.2.1	ILI-H	\$ 3,073.00	\$ 184.38	\$ 276.00
3.2.2	ILI-R-H	\$ 3,142.00	\$ 188.52	\$ 276.00
3.2.3	DVI-H	\$ 3,295.00	\$ 197.70	\$ 144.00
3.2.4	DVI-R-H	\$ 3,517.00	\$ 211.02	\$ 144.00
3.2.5	UV35-H	\$ 2,600.00	\$ 156.00	\$ 72.00
3.2.6	URS232-H	\$ 1,707.00	\$ 102.42	\$ 72.00
3.2.7	URS449-H	\$ 1,890.00	\$ 113.40	\$ 72.00
3.2.8	AVI-H	\$ 1,977.00	\$ 118.62	\$ 144.00

<u>Model Number</u>	<u>Manufacturer's</u>	<u>Unit Price</u>	<u>Install.</u>	<u>Maintenance Price</u>
			<u>Price</u>	<u>12-Month Cost</u>
3.3	DMIX SERVICE MODULES			
3.3.1	VSP-H	\$ 1,762.00	\$ 105.72	\$ 72.00
3.3.2	DSE-H	\$ 1,878.00	\$ 112.68	\$ 144.00
3.3.3	VSE-H	\$ 1,786.00	\$ 107.16	\$ 144.00
3.3.4	VC32KB-H	\$ 2,851.00	\$ 171.06	\$ 144.00
3.3.5	VC16KB-H	\$ 4,558.00	\$ 273.48	\$ 144.00
3.3.6	VC8KB-H	\$ 4,575.00	\$ 274.50	\$ 144.00

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N/A = not applicable / available

3.4 **NETWORK MANAGEMENT SYSTEM**

3.4.1	NMP-SW-H	\$30,000.00	\$1,800.00	\$ 3,192.00
3.4.2	NMP-HW-H	<u>\$32,516.00</u>	<u>\$1,950.96</u>	<u>\$ 3,288.00</u>

3.5 **CABLES**

3.5.1	CAB-T1-25	\$ 54.60	\$ 0.00	\$ N/A
3.5.2	CAB-T1-50	<u>\$ 72.80</u>	<u>\$ 0.00</u>	<u>\$ N/A</u>
3.5.3	CAB-T1-100	<u>\$ 91.00</u>	<u>\$ 0.00</u>	<u>\$ N/A</u>
3.5.4	CAB-T1-500	<u>\$ 236.60</u>	<u>\$ 0.00</u>	<u>\$ N/A</u>
3.5.5	CAB-T1-655	<u>\$ 364.00</u>	<u>\$ 0.00</u>	<u>\$ N/A</u>

Manufacturer's		Unit Price	Install. Price	Maintenance Price 12-Month Cost
Model Number				
3.6	CSU			
3.6.1	1544N	\$ N/A	\$ N/A	\$ 72.00
3.6.2	RMPS-1200	<u>\$ N/A</u>	<u>\$ N/A</u>	<u>\$ 144.00</u>